

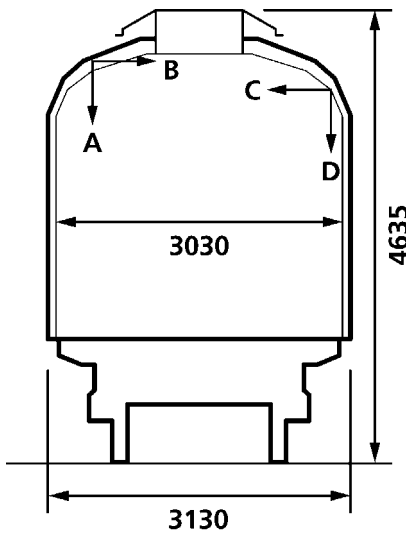
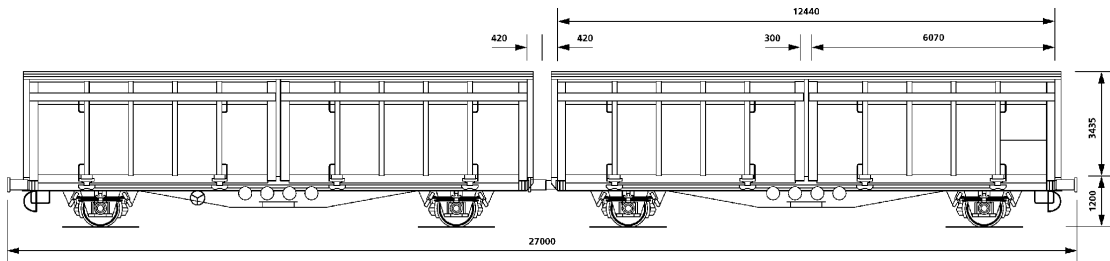
Wagon is specially designed for high volume and therefore authorized in different countries (please refer to attached list).

4 sliding walls per wagon side give access to the complete floor area from both sides and facilitate the loading/unloading by fork lift truck from ground level.

Wagon has been designed for an even distribution of load on the wagon floor.

The maximum wheel pressure on the floor board is 5 tonnes.

The wagon is fitted with fixing points along both sides for loading security purposes.



Refer to separate table for height and width dimensions

Wagon Data

Overall length (over buffers)	27.000mm
Overall height	4.635mm
Loading length x 2 (Type A)	12.540mm
Loading length x 2 (Type B)	12.440mm
Loading width	3.030mm
Loading area	75m2
Loading capacity	221m3
Length of door openings (4 per wagon side)	6.070mm
Height of door openings	3.150mm
Platform height	1.200mm
Tare weight ca.	28.500 kgs
Payload (axle load 20.5 tonnes) ca.	53.500 kgs
Payload (axle load 22.5 tonnes) ca.	61.500 kgs
Minimum curve	75 metres
Maximum speed	100 kph

Payload	A	B	C	D	
S	35.5	43.5	53.5	61.5	**

GE109

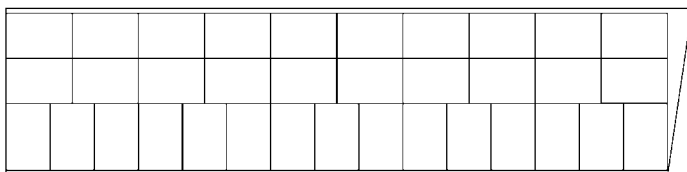
Hirrs 7

Measurements in wall area (A – B)		
	Height above wagon floor (mm)	Loading width (mm)
4	3150	1136
	3100	1411
	3050	1686
3	3040	1741
	3000	1815
	2950	1907
	2900	2000
	2850	2092
	2800	2184
	2750	2277
	2700	2369
	2650	2462
	2600	2554
2	2550	2647
	2512,5	2716
	2500	2728
	2450	2775
	2400	2822
	2350	2870
	2300	2917
	2250	2965
	2200	3012
	2180	3030
1		

Measurements in roof support area (C – D)			
	Height above wagon floor (mm)	Loading width (mm)	
4	3150	502	
	3100	697	
	3050	984	
3	3000	1259	
	2950	1534	
	2941,5	1581	
	2900	1680	
	2850	1801	
	2800	1921	
	2750	2041	
	2700	2162	
	2650	2282	
	2600	2402	
	2550	2522	
	2500	2673	
	2	2487	2673
		2400	2756
		2400	2756
2400		2756	
2350		2803	
2300		2851	
2250		2898	
1	2200	2946	
	2150	2993	
	2111	3030	

Hirrs 7

70 (800x1200)



60 Pallets (1000x1200)



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Hirrs 7

Gattung	Wagennummern-Kreis	zugestimmte Bahnverwaltungen	Einschränkungen									
			1	2	3	4	5	6	7	8	9	10
Hirrs 7	43 80 292 1600-1 bis 1649-8	PKP,MÀV,GySEV,ÖBB,GC,TCDD, CFL,DSB,NS,CD,SZ, CH,ZSR,BDZ,JZ, HZ					CFR					
	43 80 292 1750-4 bis 1774-4	CH,DSB,CFL,NS,ÖBB,CFS,CD,TC DD,MÀV,GySEV,SZ,ZSR,PKP,BD Z, JZ,HZ		GC								
	43 80 292 1800-7 bis 1849-4	SZ,PKP,CFS,CH,CD,GC,CFL,MÀV, NS,ÖBB,ZSR,BDZ,JZ,HZ	DSB				CFR				GySEV	

Achtung! : die Spalten 3, 7,8 und 10 werden nicht im Vereinbarungsraster angebracht !

- 1) With 22.5 Tons only 90 Km/h
- 2) GC only B Profile or less
- 3) Kehl-Strassbourg-Kehl
- 4) Not via Finland (VR) to Continent
- 5) Max axle 20t
- 6) Beladevorschriften
- 7) als außergewöhnliche Sendung
- 8) Ausnahmeförderung nach ständiger Genehmigung TES 1304
- 9) keine 22,5 t
- 10) abgelehnt